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3 <110> APPLICANT: Unger, Evan C  
4 Shen, Dekang  
5 Wu, Guanli  
7 <120> TITLE OF INVENTION: Novel Targeted Compositions For Diagnostics And  
8 Therapeutic Use  
10 <130> FILE REFERENCE: DUP-0307  
12 <140> CURRENT APPLICATION NUMBER: 09/218,660  
C--> 13 <141> CURRENT FILING DATE: 1998-12-22  
15 <150> PRIOR APPLICATION NUMBER: 08/660,032  
16 <151> PRIOR FILING DATE: 1996-06-06  
18 <150> PRIOR APPLICATION NUMBER: 08/640,464  
19 <151> PRIOR FILING DATE: 1996-05-01  
21 <150> PRIOR APPLICATION NUMBER: 08/497,684  
22 <151> PRIOR FILING DATE: 1995-06-07  
24 <160> NUMBER OF SEQ ID NOS: 22  
26 <170> SOFTWARE: PatentIn Ver. 2.1  
28 <210> SEQ ID NO: 1  
29 <211> LENGTH: 6  
30 <212> TYPE: PRT  
31 <213> ORGANISM: Artificial Sequence  
33 <220> FEATURE:  
34 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence  
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38 1 5  
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46 <220> FEATURE:  
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56 <212> TYPE: PRT  
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59 <220> FEATURE:  
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68 <211> LENGTH: 4  
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70 <213> ORGANISM: Artificial Sequence

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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/218,660  
 DATE: 05/11/2000  
 TIME: 15:54:26

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 Output Set: N:\CRF3\05112000\I218660.raw

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90 1 5 10 15
92 Phe Ser Arg Pro Tyr Asp Pro Arg Arg Asp Leu Phe Arg Val Glu Tyr
93 20 25 30
95 Val Ile Gly Arg Tyr Pro Gln Glu Asn Lys Gly Thr Tyr Ile Pro Val
96 35 40 45
98 Pro Ile Val Ser Glu Leu Gln Ser Gly Lys Trp Gly Ala Lys Ile Val
99 50 55 60
101 Met Arg Glu Asp Arg Ser Val Arg Leu Ser Ile Gln Ser Ser Pro Lys
102 65 70 75 80
104 Cys Ile Val Gly Lys Phe Arg Met Tyr Val Ala Val Trp Thr Pro Tyr
105 85 90 95
107 Gly Val Leu Arg Thr Ser Arg Asn Pro Glu Thr Asp Thr Tyr Ile Leu
108 100 105 110
110 Phe Asn Pro Trp Cys Glu Asp Asp Ala Val Tyr Leu Asp Asn Glu Lys
111 115 120 125
113 Glu Arg Glu Glu Tyr Val Leu Asn Asp Ile Gly Val Ile Phe Tyr Gly
114 130 135 140
116 Glu Val Asn Asp Ile Lys Thr Arg Ser Trp Ser Tyr Gly Gln Phe
117 145 150 155
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132 Ser Arg Pro Tyr Asp Pro Arg Arg Asp
133 20 25
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137 <211> LENGTH: 41
138 <212> TYPE: PRT
139 <213> ORGANISM: Artificial Sequence
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149 20 25 30  
151 Thr Arg Ser Trp Ser Tyr Gly Gln Phe  
152 35 40  
155 <210> SEQ ID NO: 8  
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157 <212> TYPE: PRT  
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164 Ala Arg Arg Ser Ser Pro Ser Tyr Tyr  
165 1 5  
168 <210> SEQ ID NO: 9  
169 <211> LENGTH: 10  
170 <212> TYPE: PRT  
171 <213> ORGANISM: Artificial Sequence  
173 <220> FEATURE:  
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence  
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184 <213> ORGANISM: Artificial Sequence  
186 <220> FEATURE:  
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193 Met Asp Tyr  
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198 <211> LENGTH: 21  
199 <212> TYPE: PRT  
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202 <220> FEATURE:  
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209 Tyr Ala Met Asp Tyr  
210 20  
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214 <211> LENGTH: 67  
215 <212> TYPE: PRT

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228 Cys Asp Gln Cys Arg Phe Lys Arg Thr Ile Cys Arg Arg Ala Arg Gly
229           35           40           45
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232   50           55           60
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246 <400> SEQUENCE: 13
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248   1           5           10           15
250 Asp Ala Ala Thr Cys Lys Leu Leu Pro Gly Ala Gln Cys Gly Glu Gly
251           20           25           30
253 Leu Cys Cys Asp Gln Cys Ser Phe Met Lys Lys Gly Thr Ile Cys Arg
254           35           40           45
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259 Gly Cys Pro Arg Asn Pro Leu His Ala
260   65           70
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264 <211> LENGTH: 68
265 <212> TYPE: PRT
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268 <220> FEATURE:
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271 <400> SEQUENCE: 14
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276           20           25           30
278 Leu Cys Cys Asp Gln Cys Arg Phe Lys Gly Ala Gly Lys Ile Cys Arg
279           35           40           45
281 Arg Ala Arg Gly Asp Asn Pro Asp Asp Cys Thr Gly Gln Ser Ala Asp
282   50           55           60
284 Cys Pro Arg Phe
285   65
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RAW SEQUENCE LISTING                      DATE: 05/11/2000  
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301      20      25      30
303 Cys Asp Gln Cys Arg Phe Lys Arg Thr Ile Cys Arg Ile Ala Arg Gly
304      35      40      45
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307   50      55      60
309 Asn Asp Leu
310 65
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315 <212> TYPE: PRT
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328 <212> TYPE: PRT
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339 <210> SEQ ID NO: 18
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354 <212> TYPE: PRT
355 <213> ORGANISM: Artificial Sequence
357 <220> FEATURE:
358 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence

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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY                      DATE: 05/11/2000  
PATENT APPLICATION:    US/09/218,660              TIME: 15:54:27

Input Set : A:\DUP0307.txt  
Output Set: N:\CRF3\05112000\I218660.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22